

Petition for Rulemaking (DA-08 953) ET Docket No. 08-59

Medical Body Area Network Service

Comments by Dr. W. G. Scanlon

I read with interest that the Commission are considering proposals from GE Healthcare for a Medical Body Area Network Service (MBAN) operating on a secondary basis in the 2.360 – 2.400 GHz band. On the basis of more than 10 years of published research in bodyworn communications and medical applications [1], I am convinced that this proposal is well founded in terms of favourable antenna [2,3] and propagation [4] conditions (both between sensor devices on the body surface and to nearby off-body units such as bed side monitors) and in terms of benefits for healthcare facilities and patients alike.

I strongly recommend that, in principle and subject to further technical scrutiny, that the Commission accept this proposal and establish the MBAN service.



Dr. W. G. Scanlon
Queen's University, Belfast
School of Electronics, Electrical Engineering & Computer Science
ECIT Institute
Belfast, BT3 9DT, UK

E: w.scanlon@gub.ac.uk

T: +44(0) 2890 971877 URL: www.ee.gub.ac.uk/radio/

References

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